Inventor(s): ESCH et al. Application No.: 09/986,468

Attorney Docket No.: 021123-0282431

II. AMENDMENTS TO THE CLAIMS

Claims 1-6. (Canceled)

Claim 7. (Currently Amended) A vulcanized rubber compound comprising precipitated silica having the following physico-chemical properties:

BET surface area:

 $35 \text{ to } 350 \text{ m}^2/\text{g};$

BET/CTAB surface area ratio

0.8 to 1.1;

pore volume, PV

1.6 to 3.4 ml/g;

Sears value (V2) silanol group density, ml of NaOH

consumed in raising pH to 9

6 to 20 ml;

averaged aggregate size

250 to 1500 nm;

CTAB surface area

 $30 \text{ to } 350 \text{ m}^2/\text{g};$

DBP volume

150 to 300 ml/100 g;

 V_2/V_1 by Hg porosimetry

0.19 to 0.46; and

DBP/CTAB

1.2 to 3.5.

Claim 8. (Canceled)

Claim 9. (Currently Amended) The vulcanized rubber compound of claim $\frac{12}{7}$, wherein the particle fineness of said precipitated silica is less than or equal to 11μ m.

Claim 10. (Currently Amended) The vulcanized rubber compound of claim $\frac{14}{9}$, wherein the particle fineness of said precipitated silica is less than or equal to $10 \mu m$.

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